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1 [Consistent overhead Byte stuffing](#)

Stuart Cheshire, Mary Baker

April 1999 | [IEEE/ ACM Transactions on Networking \(TON\)](#), Volume 7 Issue 2

Publisher: IEEE Press

Full text available: [pdf\(263.90 KB\)](#)

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Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 34, Citation Count: 0

Key words: Byte stuffing, framing, packet, serial, transmission

2 [Reliable group rekeying: a performance analysis](#)



Yang Richard Yang, X. Steve Li, X. Brian Zhang, Simon S. Lam

October ACM SIGCOMM Computer Communication Review, Volume 31 Issue 4
2001

Publisher: ACM

Full text available: [pdf\(245.50 KB\)](#)

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In secure group communications, users of a group share a common group key. A key server sends the group key to authorized new users as well as performs group rekeying for group users whenever the key changes. In this paper, we investigate scalability ...

3 [Reliable group rekeying: a performance analysis](#)



Yang Richard Yang, X. Steve Li, X. Brian Zhang, Simon S. Lam

August SIGCOMM '01: Proceedings of the 2001 conference on Applications, technologies, architectures, and protocols for computer communications

Publisher: ACM

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In secure group communications, users of a group share a common group key. A key server sends the group key to authorized new users as well as performs group rekeying for group users whenever the key changes. In this paper, we investigate scalability ...

4 [Secure group communications using key graphs](#)

Chung Kei Wong, Mohamed Gouda, Simon S. Lam

February 2000 IEEE/ ACM Transactions on Networking (TON), Volume 8 Issue 1

Publisher: IEEE Press

Full text available: [pdf\(345.54 KB\)](#)

Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#),
[review](#)

Bibliometrics: Downloads (6 Weeks): 20, Downloads (12 Months): 141, Citation Count: 43

Keyw ords: confidentiality, group communications, group key management, key distribution, multicast, privacy, rekeying, security

5 Computing curricula 2001



CORPORATE The Joint Task Force on Computing Curricula

September 2001 Journal on Educational Resources in Computing (JERIC), Volume 1 Issue 3es

Publisher: ACM

Full text available: pdf(613.63 KB) html(2.78 KB)

Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 174, Downloads (12 Months): 1732, Citation Count: 22

6 Security of runtime extensible virtual environments



Ernesto J. Sallés, James Bret Michael, Michael Capps, Don McGregor, Andrzej Kapolka

September 2002 CVE '02: Proceedings of the 4th international conference on Collaborative virtual environments

Publisher: ACM

Full text available: pdf(128.78 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 57, Citation Count: 1

Distributed, real-time virtual environment (VE) architectures have traditionally been driven by quality of service (QOS) considerations, with little or no concern paid to security issues. With recent advancements in functionality, computing power and ...

Keywords: collaborative environment, computer security, information assurance, runtime extensible virtual environment, security, taxonomy, virtual environment, virtual reality

7 Digital signatures for flows and multicasts

Chung Kei Wong, Simon S. Lam

August 1999 IEEE/ ACM Transactions on Networking (TON), Volume 7 Issue 4

Publisher: IEEE Press

Full text available: pdf(268.97 KB)

Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 26, Downloads (12 Months): 81, Citation Count: 6

8 [ASHs: Application-specific handlers for high-performance messaging](#)



Deborah A. Wallach, Dawson R. Engler, M. Frans Kaashoek

August 1996 SIGCOMM '96: Conference proceedings on Applications, technologies, architectures, and protocols for computer communications

Publisher: ACM

Full text available: [pdf\(174.50 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#),

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Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 11, Citation Count: 15

Application-specific safe message handlers (ASHs) are designed to provide applications with hardware-level network performance. ASHs are user-written code fragments that safely and efficiently execute in the kernel in response to message arrival. ...

9 [A secure multicast protocol with copyright protection](#)



Hao-hua Chu, Lintian Qiao, Klara Nahrstedt, Hua Wang, Ritesh Jain

April 2002 ACM SIGCOMM Computer Communication Review, Volume 32 Issue 2

Publisher: ACM

Full text available: [pdf\(301.97 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#),

[index terms](#)

Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 129, Citation Count: 2

We present a simple, efficient, and secure multicast protocol with copyright protection in an open and insecure network environment. There is a wide variety of multimedia applications that can benefit from using our secure multicast protocol, e.g., the ...

Key words: copyright protection, key distribution, multicast security, watermark

10 [ASHs: application-specific handlers for high-performance messaging](#)

Deborah A. Wallach, Dawson R. Engler, M. Frans Kaashoek

August 1997 IEEE/ACM Transactions on Networking (TON), Volume 5 Issue 4

Publisher: IEEE Press

Full text available: [pdf\(174.62 KB\)](#)

Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 10, Citation Count: 2

Key words: computer networks, dynamic code generation, modular computer systems, operating systems, protocols, software protection, user-level networking

11 [ASHs: Application-specific handlers for high-performance messaging](#)



Deborah A. Wallach, Dawson R. Engler, M. Frans Kaashoek

October ACM SIGCOMM Computer Communication Review, Volume 26 Issue 4
1996

Publisher: ACM

Full text available: [pdf\(174.50 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#),
[index terms](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 11, Citation Count: 15

Application-specific safe message handlers (ASHs) are designed to provide applications with hardware-level network performance. ASHs are user-written code fragments that safely and efficiently execute in the kernel in response to message arrival. ...

12 [Router plugins: a software architecture for next-generation routers](#)

Dan Decasper, Zubin Dittia, Guru Parulkar, Bernhard Plattner

February IEEE/ ACM Transactions on Networking (TON), Volume 8 Issue 1
2000

Publisher: IEEE Press

Full text available: [pdf\(530.34 KB\)](#)

Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 86, Citation Count: 7

Keywords: communication system routing, communication system security, internet, modular computer systems

13 [New channels, old concerns: scalable and reliable data dissemination](#)



Colin Allison, Duncan McPherson, Dirk Husemann

September EW 9: Proceedings of the 9th workshop on ACM SIGOPS European
2000 workshop: beyond the PC: new challenges for the operating system

Publisher: ACM

Full text available: [pdf\(76.39 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 15, Citation Count: 0

An interesting trend in the continuing convergence of information technologies is the emergence of the Internet as a content provider in its own right, as opposed to its simply being one of many delivery channels. For example, it is increasingly the ...

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